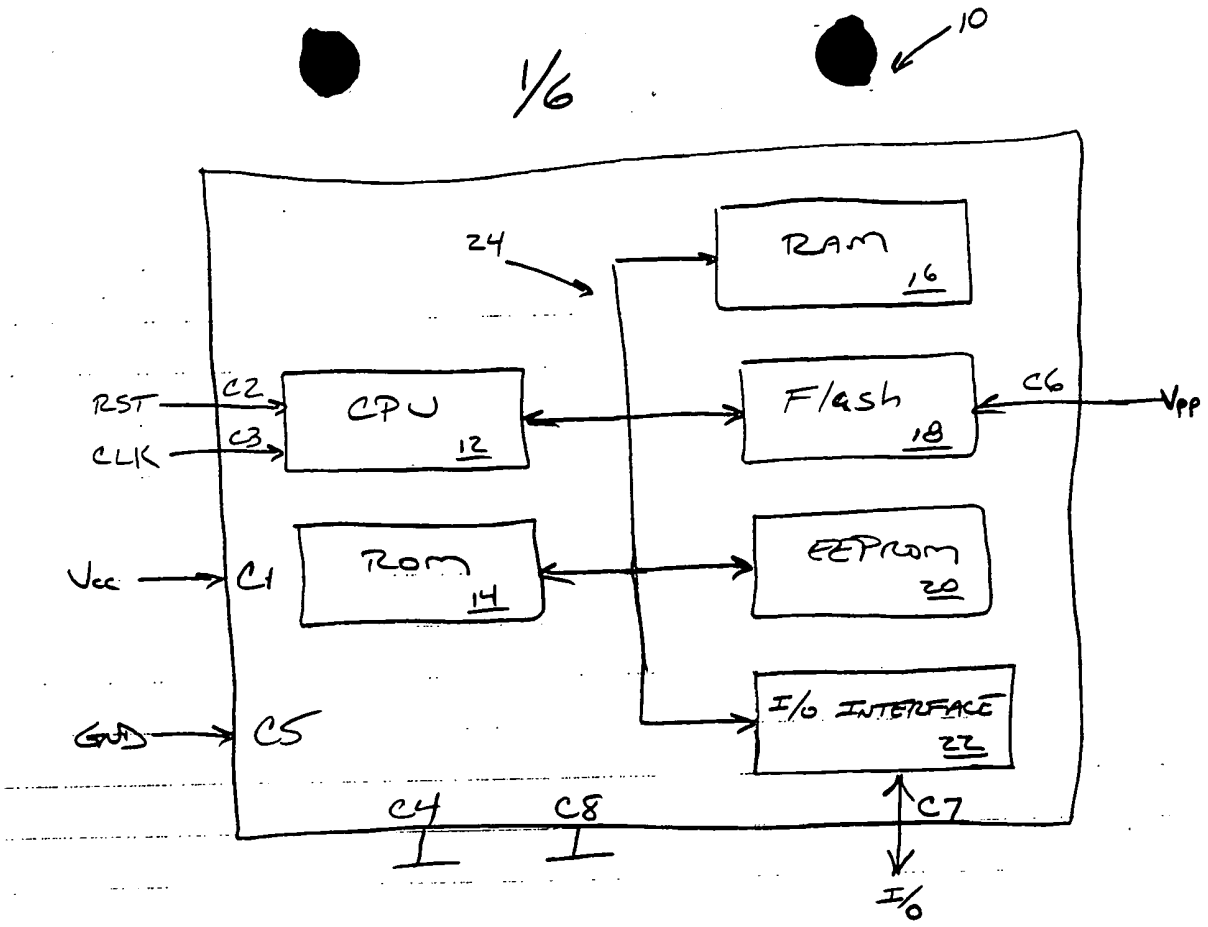
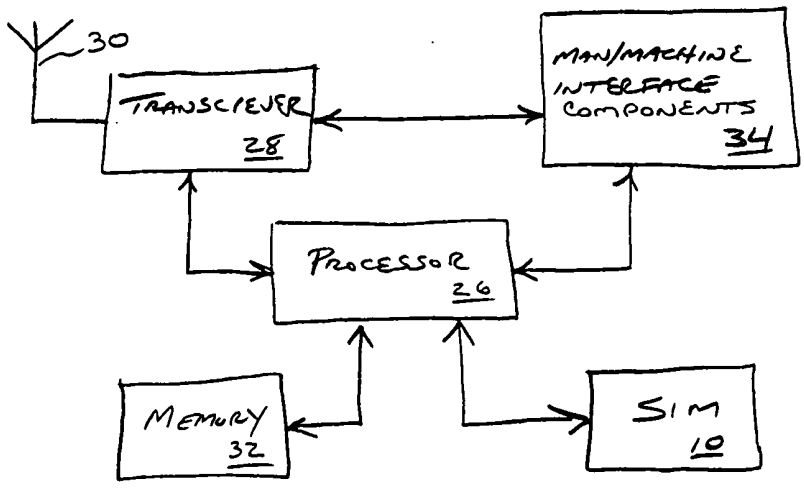


FIG. 1



25

FIG. 2

T0F2T0-0TF/960

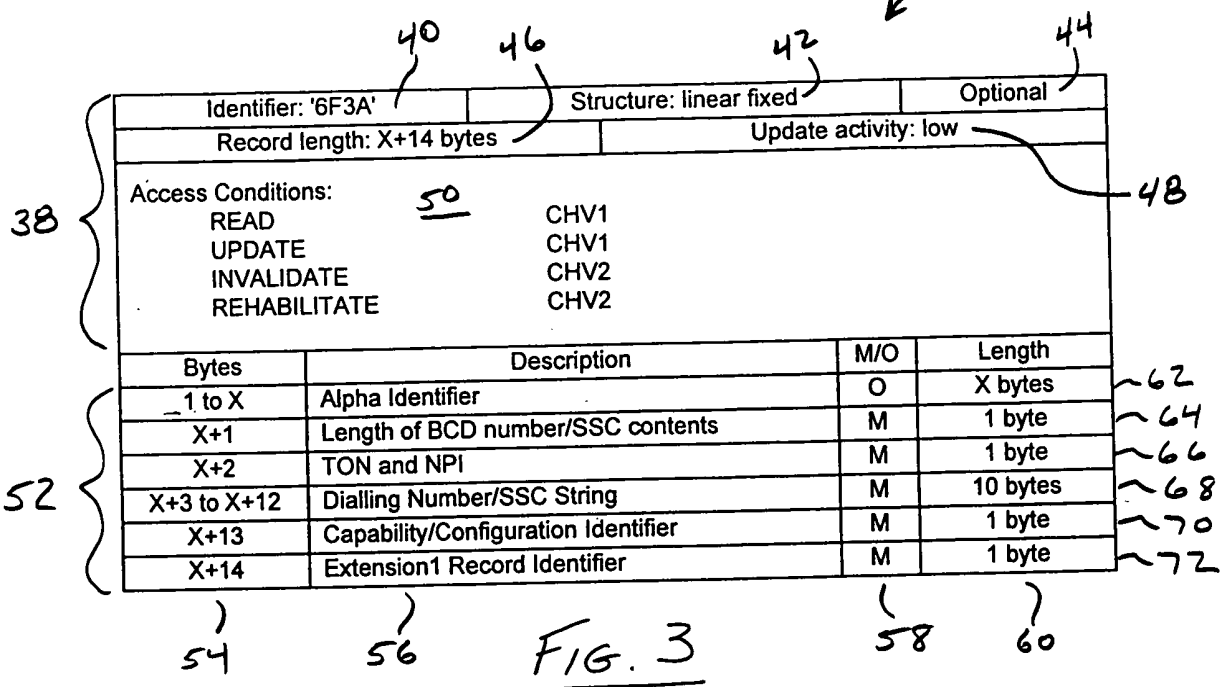
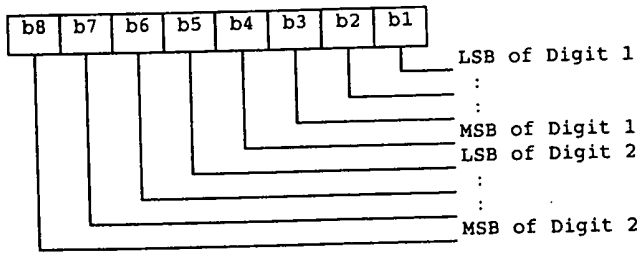


FIG. 3
(PRIOR ART)

Byte X+3



Byte X+4:

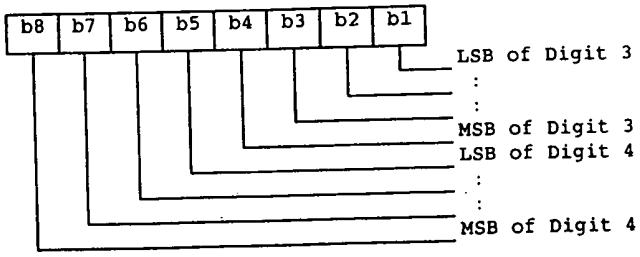


FIG. 4

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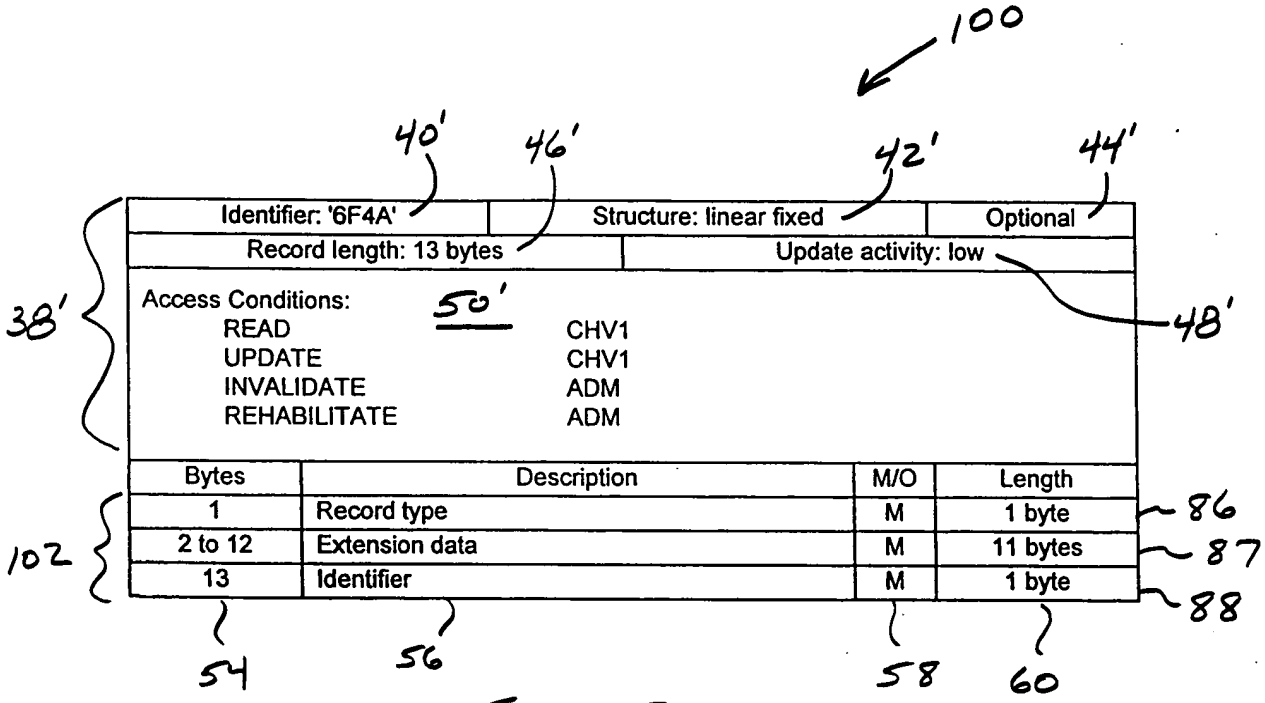
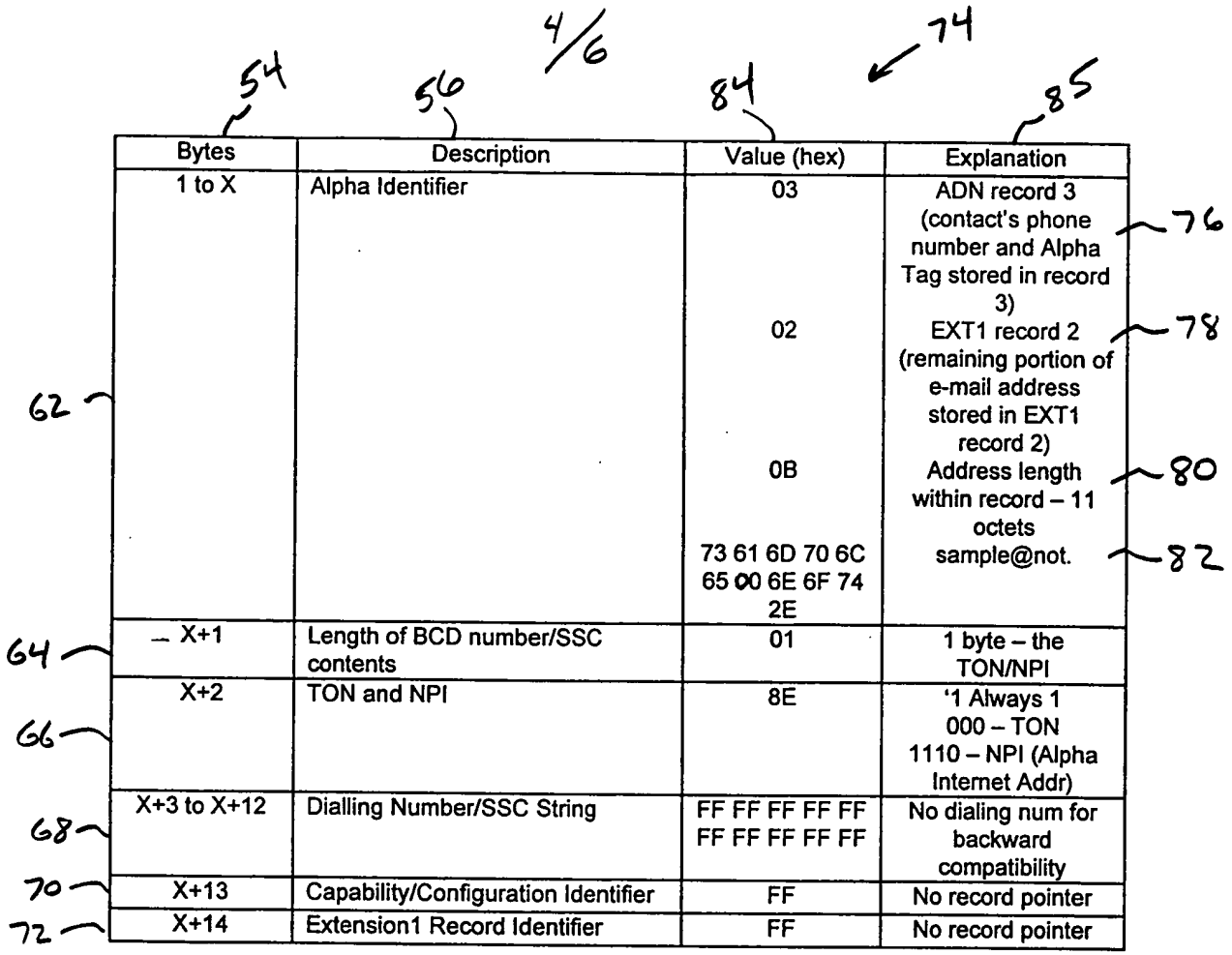


FIG. 5

(PRIOR ART)

09/674,704 PCT/US99/07404



Bytes	Description	Value (hex)	Explanation
1 to X	Alpha Identifier	03	ADN record 3 (contact's phone number and Alpha Tag stored in record 3)
		02	EXT1 record 2 (remaining portion of e-mail address stored in EXT1 record 2)
		0B	Address length within record – 11 octets
		73 61 6D 70 6C 65 00 6E 6F 74 2E	sample@not.
X+1	Length of BCD number/SSC contents	01	1 byte – the TON/NPI
X+2	TON and NPI	8E	'1 Always 1 000 – TON 1110 – NPI (Alpha Internet Addr)
X+3 to X+12	Dialling Number/SSC String	FF FF FF FF FF FF FF FF FF FF	No dialing num for backward compatibility
X+13	Capability/Configuration Identifier	FF	No record pointer
X+14	Extension1 Record Identifier	FF	No record pointer

FIG. 6

EXT Record 2

Bytes	Description	Value (hex)	Explanation
1	Record Type	02	Additional data
2 to 12	Extension data	04	Remaining length of 4 octets
		65 61 6C 72 FF FF FF FF FF FF	real Remaining octets coded as 'FF'
13	Identifier	FF	No extension needed

FIG. 7

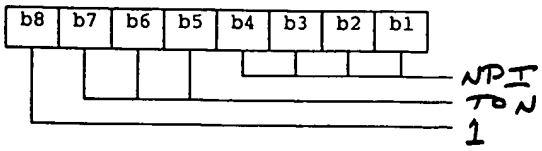


FIG. 8

74'

54 Bytes	56 Description	84 Value (hex)	85 Explanation
1 to X	Alpha Identifier	FF FF 0F 73 61 6D 70 6C 65 00 6E 6F 74 2E 72 65 61 6C 73 61 6D 70 6C 65	No existing contact (76') No EXT1 record (78') Address length of 15 octets (80') Sample@not.real (82') Alpha Tag = "sample" (90)
X+1 (64)	Length of BCD number/SSC contents	01	1 byte – the TON/NPI
X+2 (66)	TON and NPI	8E	'1 Always 1 000 – TON 1110 – NPI (Alpha Internet Addr)
X+3 to X+12 (68)	Dialling Number/SSC String	FF FF FF FF FF FF FF FF FF FF	No dialing num for backwards-compatibility
X+13 (70)	Capability/Configuration Identifier	FF	No record pointer
X+14 (72)	Extension1 Record Identifier	FF	No record pointer

62'

FIG. 9

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Bytes (54)	Description (56)	Value (hex) (84)	Explanation (85)
1 to X	Alpha Identifier	03	ADN record 3 (contact's phone number and Alpha Tag stored in record 3) ~76
		02	EXT1 record 2 (remaining portion of e-mail address stored in EXT1 record 2) ~78
		0B	Addr length within record - 11 octets ~80
		73 61 6D 70 6C 65 00 6E 6F 74 2E	sample@not. ~82
X+1	Length of BCD number/SSC contents	02	2 bytes – the TON/NPI and 1 digit number ~64'
X+2	TON and NPI	8E	'1 Always 1 000 – TON 1110 – NPI (Alpha Internet Addr) ~66
X+3 to X+12	Dialling Number/SSC String	F0 FF FF FF FF FF FF FF FF FF	Just '0' to prevent erasure on legacy ~68'
X+13	Capability/Configuration Identifier	FF	No record pointer ~70
X+14	Extension1 Record Identifier	02	EXT1 record 2 ~72'

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FIG. 10

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